

partner relationship, whether they had suffered gender violence and types of violence. 88 (21.41%) people reported having suffered some type of violence, of which 25 (28.42%) were men and 62 (70.45%) were women. The most common was psychological with 53 (60.23%) people. 82 respondents tested positive to Davidson test for PTSD, equivalent to 20% of the total sample. 51 people (12%) reported suffering from mild depression, 53 (13%) reported suffering from moderate depression and 38 people (9%) reported major depression with Beck test.

**Conclusions:** In this study we evidenced that although the interviewers claimed they had never suffered gender violence, it was observed that the results were incongruent, so it is important to highlight that talking about gender violence is still considered a stigma in our society.

**Disclosure:** No significant relationships.

**Keywords:** PTSD; COVID19; Depression; SARS-CoV-2

### EPV1705

#### Does LSD Have Any Therapeutical Value In Mental Disorders? A Non-Systemic Review

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**Introduction:** Lysergic acid diethylamide (LSD) a semi synthetic hallucinogen, was first synthesized by Albert Hofmann in 1938 and its psychological properties were not discovered until 1943. There was a brief renaissance of its use in psychiatry, specifically in assisted psychotherapy for the treatment of alcoholism, neurosis and psychosomatic disorders. However, research with LSD and others psychedelics substances rapidly came to an end with its broad international prohibition in the 1970's.

**Objectives:** This work aims to provide an understanding on the potential benefits of LSD in mental disorders, as well as its mechanism of action and effects on human brain.

**Methods:** A non-systematic review was performed on PubMed database, using the key words "LSD, mental disorder, neuroimaging, cerebral plasticity, psychedelics, substance use disorder". Websites of the Berkley Foundation and Multidisciplinary Association For Psychedelic Studies (MAPS) were also searched.

**Results:** Significant evidence has emerged that LSD may have a role in the treatment for some mental disorder, including drug and alcohol dependence and anxiety associated with life threatening diseases. Evidence based on modern neuroimaging technique suggest that LSD alters the brain blood flow, electrical activity, and network communication patterns. Preclinical evidence also demonstrated that psychedelics affect neuroplasticity after acute and chronic administration.

**Conclusions:** Based on the available evidence LSD when administered safely in a methodologically supervised psychotherapeutic setting can have a potential use for certain psychiatric conditions, suggesting that larger controlled studies are warranted

**Disclosure:** No significant relationships.

**Keywords:** LSD; psychedelics; mental disorder; Cerebral Plasticity

### EPV1706

#### When Attention-Deficit/Hyperactivity Disorder reaches adulthood

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**Introduction:** Attention-Deficit/Hyperactivity Disorder (ADHD) was classically considered a childhood-onset neurodevelopmental condition. Over the past 40 years, it became evident that it can persist during adulthood.

**Objectives:** The purpose of the authors is to describe the characteristics of ADHD in adults and the specific comorbidities, proposing an approach to these patients.

**Methods:** A brief non-systematized review is presented, using the literature available on PubMed and Google Scholar.

**Results:** Only 40-50% of children and adolescents with ADHD will have symptoms that persist into adulthood (estimated adult prevalence of 2.8% across 20 countries; 25% in prisons). A more subtle presentation in adults and the difficulty to access past medical history, lead to diagnosis and treatment rates of lower than 20% (versus 50% in children). Well-characterized core symptoms in children evolve into a predominance of inattention symptoms. They became adults with marked disorganization, difficulties in completing tasks and managing time. Emotional dysregulation is a very prevalent symptom in this population. The comorbidities rate increase over time (reaching 75% of patients).

**Conclusions:** Adults (or even older subjects) with cognitive and/or behavioural complaints should be submitted to systematic screening for ADHD. Non-treated ADHD symptoms in adulthood are associated with severe impairment, therefore adjustments in the health care system to support the transition from child to adult services are needed.

**Disclosure:** No significant relationships.

**Keywords:** adult psychiatry; adhd

### EPV1707

#### Unique treatment principles in the service of speech treatment – The VML method

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**Introduction:** Childhood Apraxia of Speech (CAS) was declared as a motor speech disorder by ASHA (2007). The prevalence of CAS is yet to be determined due to difficulties in reliable diagnosis, however 63.6% of children with ASD were found to be Apraxic (Tierney et al, 2015), hence prevalence would be at least 1/100 (ASD prevalence is 1/54).

**Objectives:** The consequences of inability to speak in early and advanced developmental age are many and might include frustration, anger, depression, communication deficit, language delay, poor social skills and behavioural problems. Not only treating motor speech disorder is challenging enough, the external consequences make it far more difficult.

**Methods:** The VML method (Verbal Motor Learning) was designed to treat the motor aspect of speech. It uses manual techniques and motor learning principles in order to directly teach